

REDUCTION OF CORE-END LOSSES OF DYNAMOELECTRIC MACHINES
BY USING HIGH GRADE IRON SILICON PUNCHING

ABSTRACT OF THE DISCLOSURE

[0012] Electric machines can be improved or uprated to reduce core-end losses using lower core loss material such as high grade iron silicon. A machine uprating entails removing at least a last one of the stacked lamination packages at each end of the stator core, and re-stacking the removed lamination packages with the lower core loss material.